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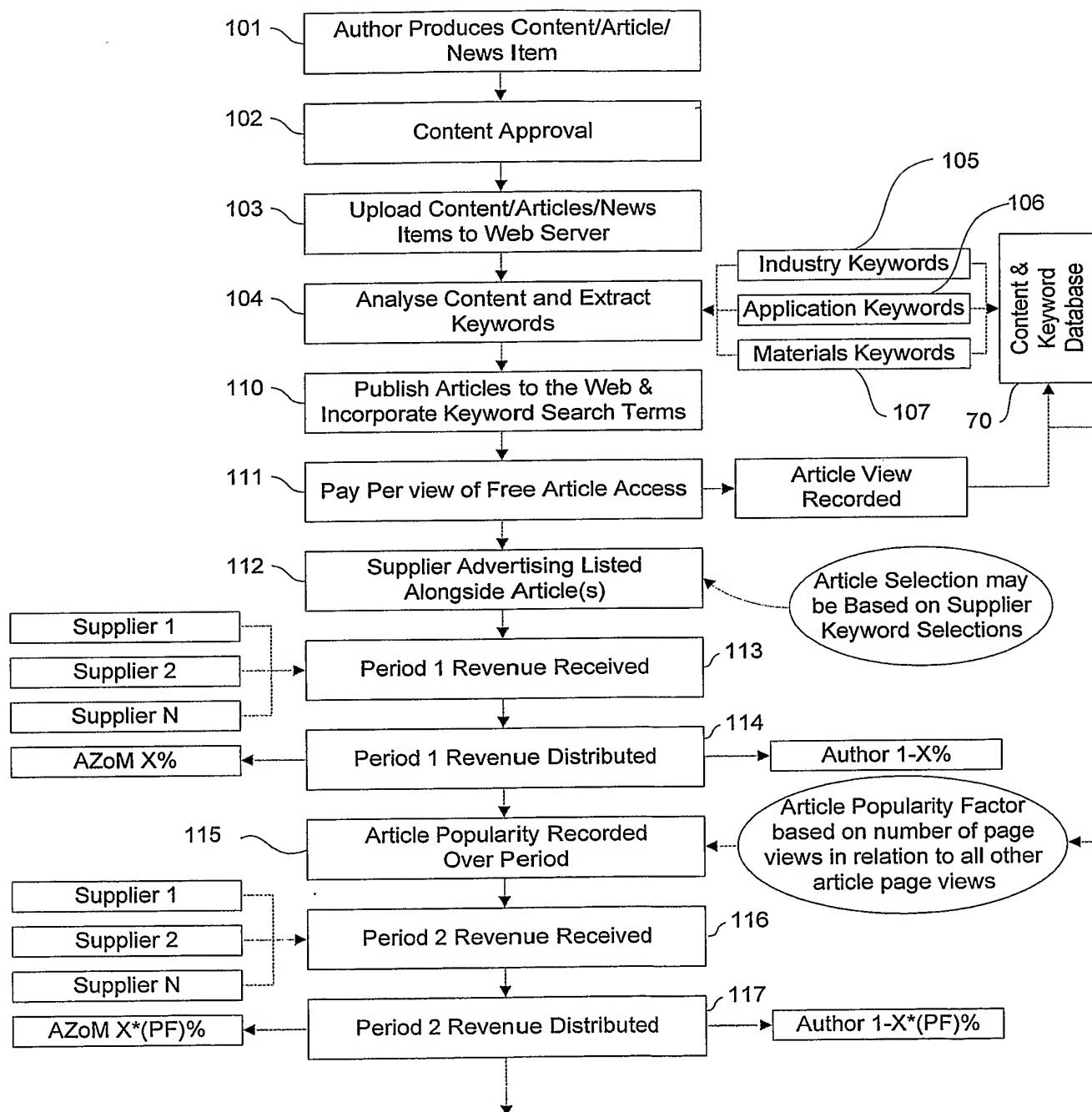


Fig. 1

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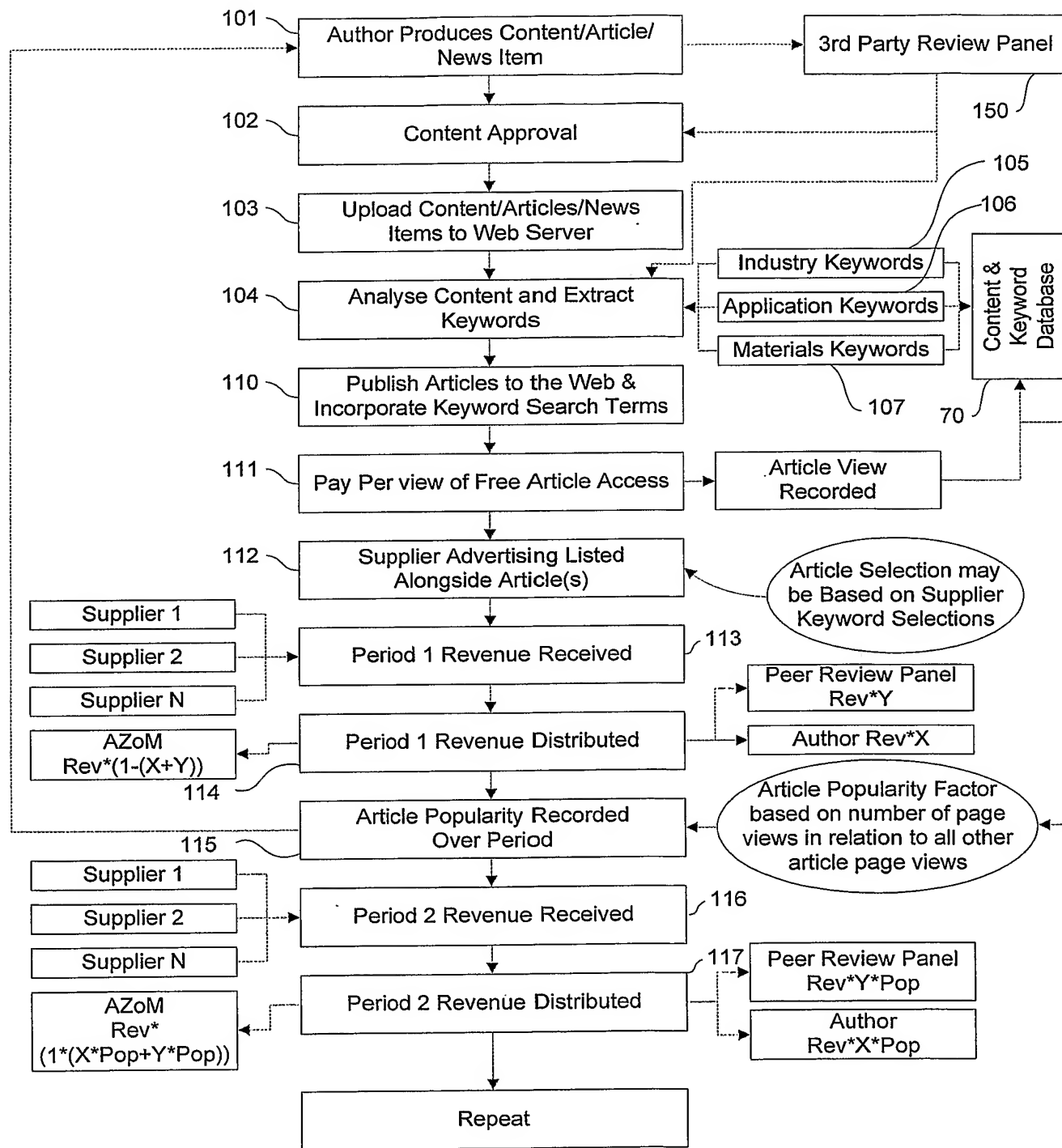


Fig. 2

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Site A		Period 1	Period 2	Period 3
Article A				
301	No. Suppliers Listing Alongside	3	4	5
	Unit Listing Price	\$ 100.00	\$ 100.00	\$ 130.00
	Total Article Revenue	\$ 300.00	\$ 400.00	\$ 650.00
	Pay Per View Revenue	0	0	0
310	Popularity Factor		1.75	1.84
302	Author Factor	25%	43.8%	46.0%
303	Peer Review Factor	10%	17.5%	18.4%
304	Author Income	\$ 75.00	\$ 175.00	\$ 299.00
	Peer Review Panel Income	\$ 30.00	\$ 70.00	\$ 119.60
305	Site A Host Income	\$ 195.00	\$ 155.00	\$ 231.40
Article Popularity Calculation Example				
	Article A Page Views	2000	2500	
	Position in Top 2000 Articles for Site A	500	400	
310	Popularity Factor	0.75	0.84	

Fig. 3a

Site B		Period 1	Period 2	Period 3
Article B				
301	No. Suppliers Listing Alongside	3	4	5
	Average Listing Price	\$ 100.00	\$ 100.00	\$ 130.00
	Pay Per View Revenue	\$ 300.00	\$ 500.00	\$ 600.00
	Total Article Revenue	\$ 600.00	\$ 900.00	\$ 1,250.00
	Popularity Factor		2	1.83
	Author Factor	25%	50.0%	45.8%
306	Peer Review Factor	10%	20.0%	18.3%
	Author Income	\$ 150.00	\$ 450.00	\$ 572.92
	Peer Review Panel Income	\$ 60.00	\$ 180.00	\$ 229.17
	Site B Host Income	\$ 390.00	\$ 270.00	\$ 447.92
Article Popularity Calculation Example				
	Article A Page Views	2000	2500	
	Total Article Views for Site A	2000000	3000000	
	Popularity Factor	1	0.83	

Fig. 3b

Site C		Period 1	Period 2	Period 3
Article C				
301	Suppliers Listing Alongside	3	4	5
	Average Listing Price	100	100	130
	Pay Per View Revenue	300	500	600
	General Advertising Site Revenue	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
	Total Number of Site Articles	5000	5000	5000
	General Advertising Site Revenue/article	\$ 20.00	\$ 20.00	\$ 20.00
	Total Article Revenue	\$ 620.00	\$ 920.00	\$ 1,270.00
	Popularity Factor		2	1.83
	Author Factor	25%	50.0%	45.8%
	Peer Review Factor	10%	20.0%	18.3%
	Author Income	\$ 155.00	\$ 460.00	\$ 582.08
	Peer Review Panel Income	\$ 62.00	\$ 184.00	\$ 232.83
	Site B Host Income	\$ 403.00	\$ 276.00	\$ 455.08
Article Popularity Calculation Example				
	Article A Page Views	2000	2500	
	Total Article Views for Site A	2000000	3000000	
	Popularity Factor	1	0.83	

Fig. 3c

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60




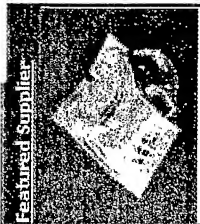
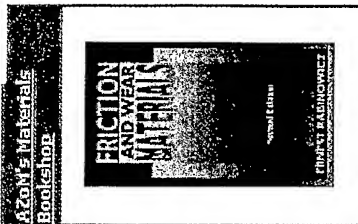

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Fig. 4

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Materials[◀ back](#)

Detailed below are alphabetical listings of all the materials covered on the AZoM site. Have a look through the listings to find your exact material or similar material then simply click through. Alternatively if you input the material term into the keyword search on the home page you will find articles which directly relate to your chosen material search.

A - B - C - D - E - F - G - H - I - J - K - L - M - N - O - P - Q - R - S - T - U - V - W - X - Y - Z - ALL

- | | |
|---|---|
| ▶ A508 | ▶ ABS |
| ▶ ABS 30% Glass Fibre Reinforced | ▶ ABS Fire Retardant |
| ▶ ABS Generic | ▶ ABS High Impact High Heat |
| ▶ ABS High Impact UV Stabilised | ▶ ABS Low Gloss |
| ▶ ABS Medium Impact | ▶ ABS Plating |
| ▶ ABS Structural Foam | ▶ ABS Transparent |
| ▶ ABS/PC | ▶ ABS/PC blends |
| ▶ ABS/PSul | ▶ ABS/PVC Alloy |
| ▶ Acetal | ▶ Acetal Polyoxymethylen Copolymer 2% silicone lubricated |
| ▶ Acetal Polyoxymethylene | ▶ Acetal Polyoxymethylene 30% Carbon Fibre Reinforced |
| ▶ Acetal Polyoxymethylene Copolymer 30% Glass Fibre Coupled | ▶ Acetal Polyoxymethylene Copolymer UV Stabilised |
| ▶ Acetal Polyoxymethylene Homopolymer | ▶ Acetal Polyoxymethylene Homopolymer PTFE lubricated |
| ▶ Acetal resin | ▶ Acetate of lime |

Fig. 5a

Applications[◀ back](#)

Detailed below are alphabetical listings of all the applications covered on the AZoM site. Have a look through the listings to find your exact application or similar applications then simply click through. Alternatively if you input the application term into the application search on the handset you will find material articles which directly relate to your application.

A - B - C - D - E - F - G - H - I - J - K - L - M - N - O - P - Q - R - S - T - U - V - W - X - Y - Z - ALL

- | | | | |
|----------------------------------|--------------------------------|--------------------------|--------------------------------|
| ▶ Abrasion resistant coatings | ▶ Abrasive blasting | ▶ Abrasives | ▶ Absorption towers |
| ▶ Access equipment | ▶ Accommodation modules | ▶ Acid resistant linings | ▶ Acoustic barrier |
| ▶ Active damping | ▶ Actuators | ▶ Additives | ▶ Adhesives |
| ▶ Advertising signs | ▶ Aeroengines | ▶ Aerofolls | ▶ Aerosol cans |
| ▶ Aerosol valves | ▶ Aerospace | ▶ Aerospace components | ▶ Aerspace components |
| ▶ Afm | ▶ Agricultural components | ▶ Agriculture | ▶ Aids for disabled |
| ▶ Air brake lines | ▶ Air conditioning | ▶ Air ducting | ▶ Air extraction grilles |
| ▶ Air filter nozzle | ▶ Air handling systems | ▶ Air induction tubes | ▶ Air intake grilles |
| ▶ Air intake housings | ▶ Aircraft | ▶ Aircraft components | ▶ Aircraft engines |
| ▶ Aircraft exterior components | ▶ Aircraft flap/slat adjusters | ▶ Aircraft glazing | ▶ Aircraft interior components |
| ▶ Aircraft interior panels | ▶ Aircraft stabiliser fins | ▶ Airframes | ▶ Alarms |
| ▶ Alkali resistant linings | ▶ Alloying additive | ▶ Alloying additives | ▶ Alternators |
| ▶ Alumina thread guides | ▶ Aluminium | ▶ Aluminium alloys | ▶ Aluminium cans |
| ▶ Aluminium castings | ▶ Aluminium extrusions | ▶ Aluminium foil | ▶ Aluminium melting pots |
| ▶ Aluminium pressure die casting | ▶ Aluminium refining | ▶ Aluminium smelting | ▶ Aluminium tanks |

Fig. 5b

Industries



AZoM Industry Search

All material articles and news items stored in the AZoM database are classified in terms of the industry they benefit.

The AZoM system of industry classification has been designed to allow site visitors to retrieve materials related information that is specific to their industry.

Clicking on any of the A to Z industry sectors below performs a search on the AZoM database for materials information specific to the individual industry sector.

Alternatively, you can use a quick look-up code provided on the Industry Classification Table. The Industry Classification Table also displays the industry keywords database structure and hierarchy. Please note the file size of this page is 380k and takes around 30 secs to download on a 56k modem.

As with all of the other AZoM search functions, the industry search can be combined with an application, material or other keyword search. Simply return to the search handset and input the relevant industry sector code or description and combine your search with the other search fields (Global Keyword, Application and Properties Search).

The Industry listing categories used by AZoM are based on the Standard Industrial Classification Manual 1987 (USA) SIC Codes. The categories listed below are the short title categories that have been modified to enable both keyword and code number searching and to suit the primary industry categories



If you are unsure of your particular industry categorisation, the US National Census site provides a lookup search tool which allows you to enter the application of interest and then find where it is located in the SIC system and the more recent NAICS system Search for SIC Codes.

A - B - C - D - E - F - G - H - I - J - K - L - M - N - O - P - Q - R - S - T - U - V - W - X - Y - Z - ALL

► Abrasives	► Adhesives sealants	► Agricultural	► Agricultural production crops
► Agricultural production livestock	► Agricultural services	► Agriculture forestry and fishing	► Aircraft
► Aircraft engines	► Aircraft parts aerospace	► Aluminium	► Aluminium extrusions
► Aluminium rolling	► Aluminium sheet plate foil	► Ammunition	► Analytical instruments
► Anufacturing	► Architectural metalwork	► Automotive stamping	

Fig. 5c

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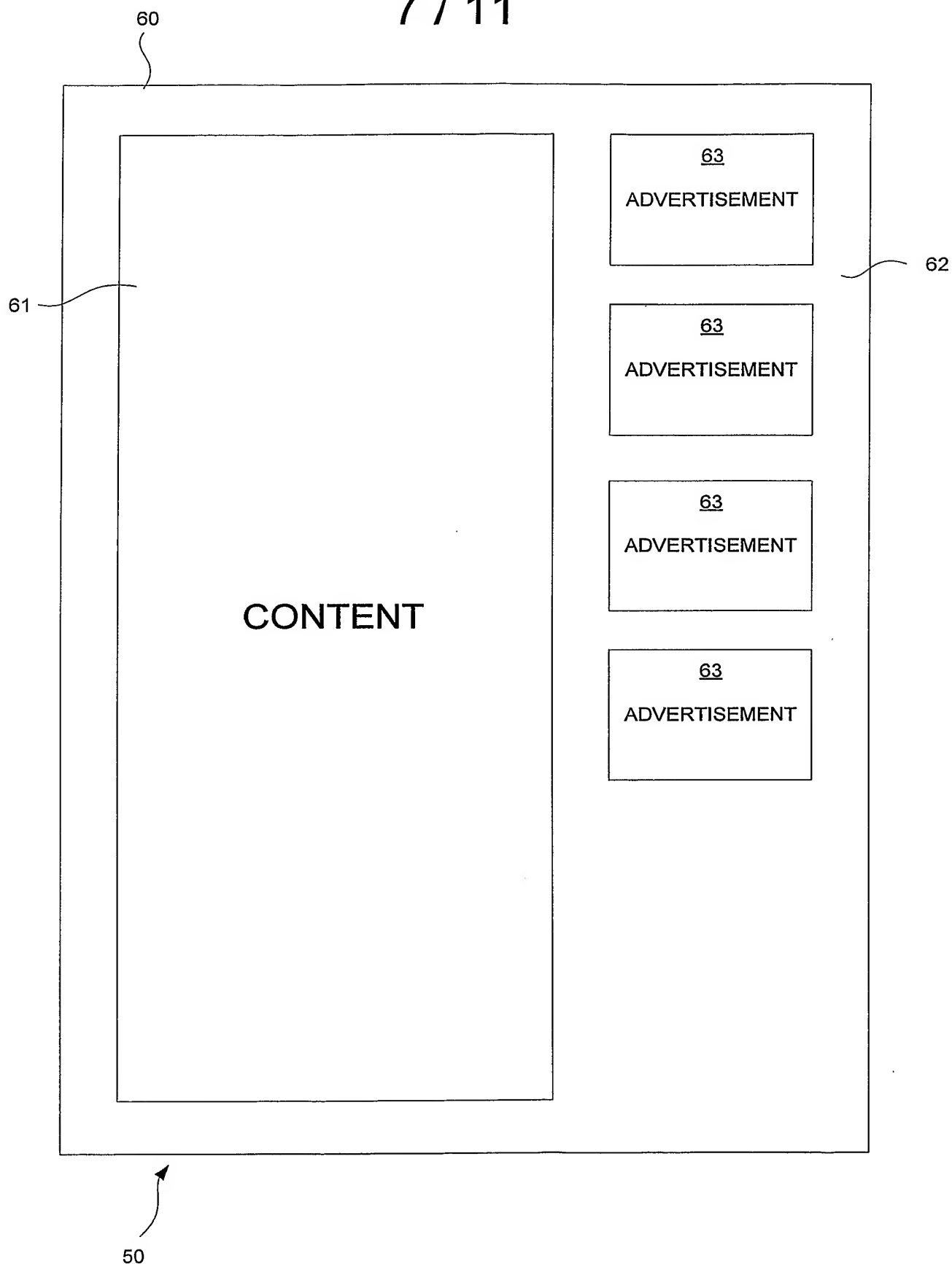


Fig 6a

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Typical Supplier Listings Content or Keyword Targeted

65

What Element is as Strong as Steel, but 45% Lighter?

Article

Zirconia

Chemical Formula

ZrO_2

Topics Covered

Background

Key Properties

Applications

Knives and Scissors

Seals, Valves and Pump Impellers

Orthopaedic Implants

Refractory Applications

Electronic Applications

Synthetic Gemstones

Other Applications

Background

Zirconia as a pure oxide does not occur in nature but it is found in baddeleyite and zircon ($ZrSiO_4$) which form the main sources for the material. Of the two of these, zircon is by far the most widespread but it is less pure and requires a significant amount of processing to yield zirconia.

Run of Site General Advertising

63

View Properties

Suppliers

Dynamic-Ceramic Ltd

Precision Ceramics

American Vermiculite Corporation

Tosoh Corporation

Services

CERAM Research

Experts

Basim Ben-Nissan

Chris Sorrell

Charles Marsden

John Cotton

Books

Ceramics

The Magic of Ceramics

Featured Course Provider

University of Surrey

Conference Report

PM 2003

Featured Supplier

AZOM's Materials Bookshop

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Features

Materials

Applications

Industries

Conferences

Courses

Exhibitions

Books

Media Packs

AZOM Info

Our Partners

Help/FAQ's

Terms and Privacy

Featured Conferences

Materials Awareness Workshop

European Steel Forum

Structural Materials Technology 2004

Featured Exhibitions

AISTech 2004 - Iron and Steel Technology Exposition

Featured Courses

Advanced Materials MSc Course

Fig. 6b

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Site Administrator

Articles

News

Features

Experts

Suppliers

Sales

Categories

MVAZOM

MVAZOM Material

Subscriber

Expert Articles

Supply Articles

Sale Articles

Reports

Experts

Suppliers

News

Articles

ID	Name	Page Impressions
965	Stainless Steel - Grade 304	16483
863	Stainless Steel - Grade 316 - Properties, Fabrication and Applications	14940
310	Aluminium and Aluminium Alloys - Designations	13199
52	Alumina - Aluminium Oxide - Al ₂ O ₃ - A Refractory Ceramic Oxide	12873
1389	Alumina (Aluminium Oxide) - The Different Types of Commercially Available Grades	11672
1392	Aluminium Casting Techniques - Sand Casting and Die Casting Processes	10277
1177	Stainless Steel - Corrosion Resistance	9138
1662	Carbon Fibre Reinforced Composite Car	8873
1446	Aluminium - Advantages and Properties of Aluminium	8768
1114	Silica - Silicon Dioxide (SiO ₂)	8732
320	Aluminium and Aluminium Alloys - Applications	7573
885	ElectroActive Polymers - EAPs	7458
75	Boron Carbide (B ₄ C) - Properties and Information about Boron Carbide	7256
1178	Stainless Steel - Fabrication	7107
134	Shape Memory Alloys - Medical Applications	6987
1378	Alloy Steels - AISI Designations	6859
90	Advanced Materials for Gas Turbine Engines - High Pressure Turbines	6806
1179	Titanium Dioxide - Titania	6670
1024	Stainless Steel - Grade 440	6422
964	Stainless Steel - Grade 303	6281
936	Clay-Based Nanocomposites	6219
920	Silicone Rubber	6102
1337	Biodegradable Polymers	6050
1434	Aluminium - Aluminium Foil Production	5865

Fig. 7

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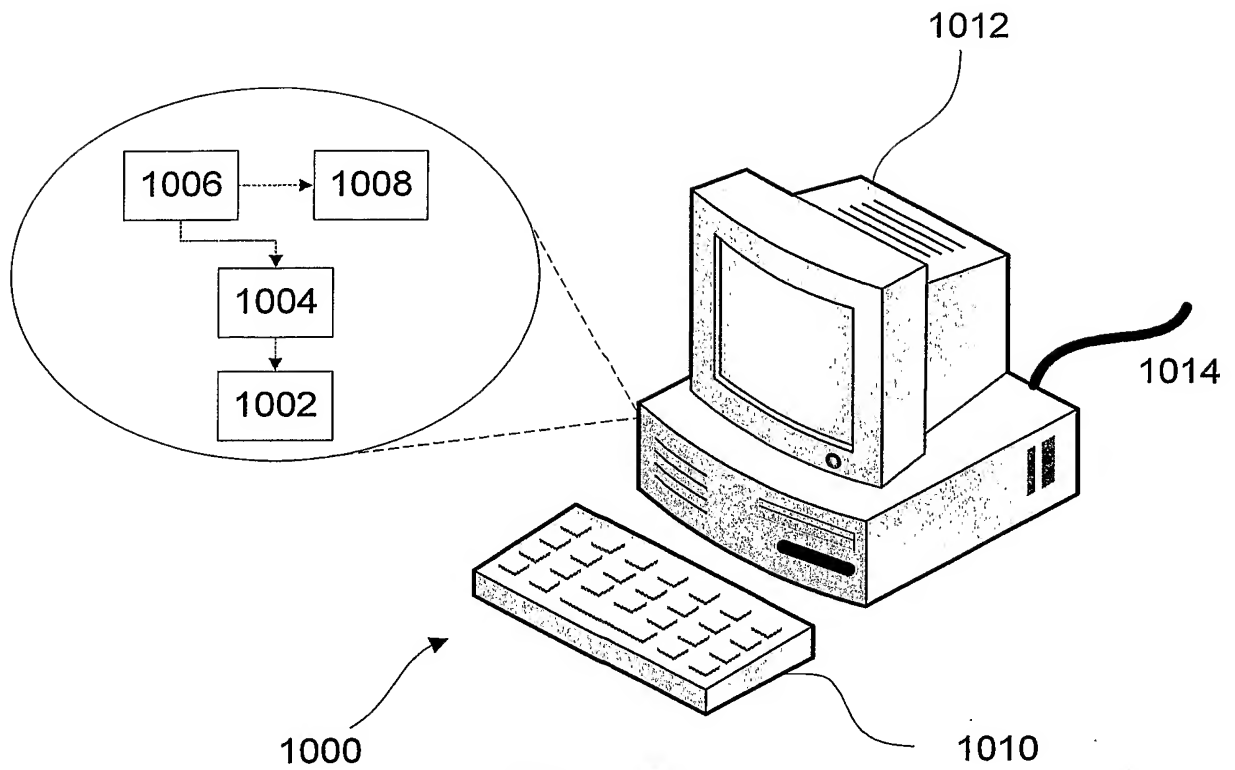


Fig. 8a

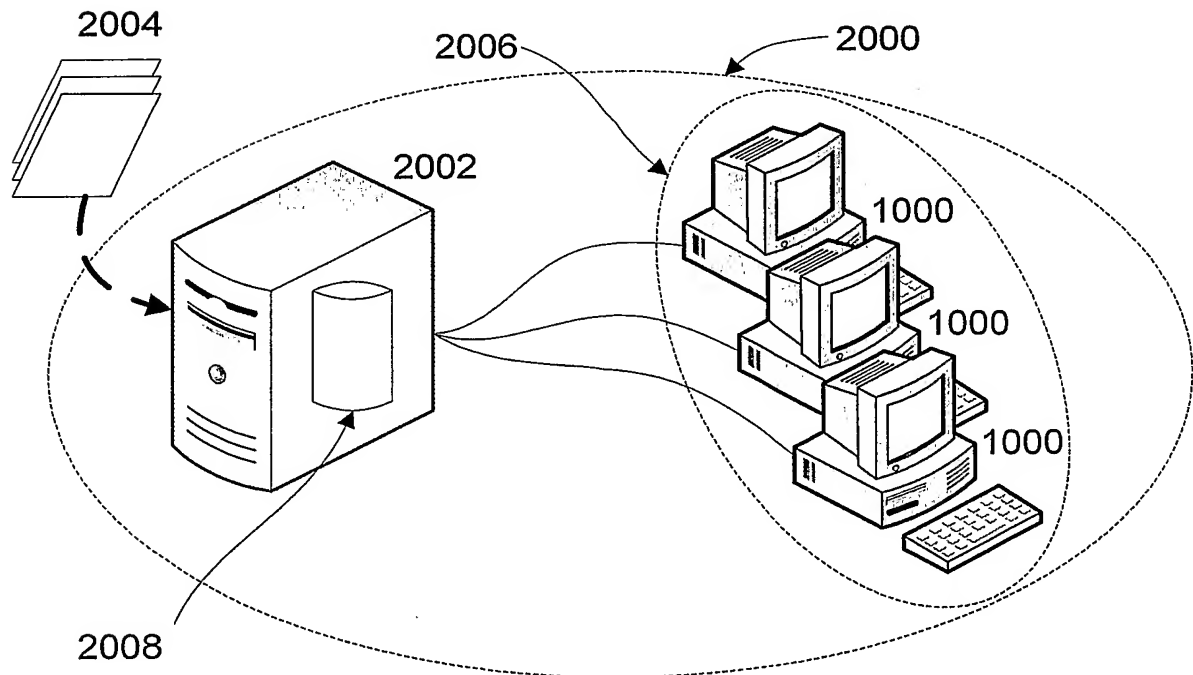


Fig. 8b

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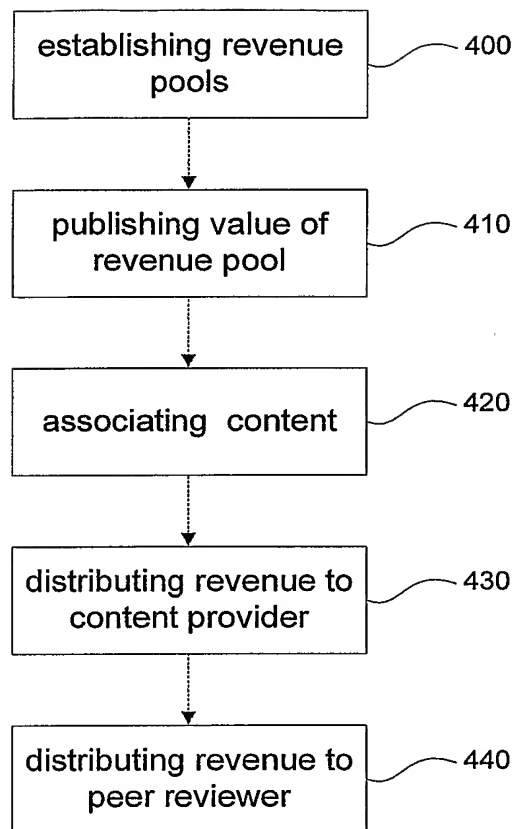


Fig. 9